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LOGINID:ssspta1600cxc

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* \* \* \* \* \* Welcome to STN International \* \* \* \* \* \* \* \* \*

NEWS 1	Web Page for STN Seminar Schedule - N. America
NEWS 2 OCT 02	CA/Caplus enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS 3 OCT 19	BEILSTEIN updated with new compounds
NEWS 4 NOV 15	Derwent Indian patent publication number format enhanced
NEWS 5 NOV 19	WPIX enhanced with XML display format
NEWS 6 NOV 30	ICSP reloaded with enhancements
NEWS 7 DEC 04	LINPADOCDB now available on STN
NEWS 8 DEC 14	BEILSTEIN pricing structure to change
NEWS 9 DEC 17	USPATOLD added to additional database clusters
NEWS 10 DEC 17	IMSDRUGCON removed from database clusters and STN
NEWS 11 DEC 17	DGENE now includes more than 10 million sequences
NEWS 12 DEC 17	TOXCENTER enhanced with 2008 MeSH vocabulary in MEDLINE segment
NEWS 13 DEC 17	MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary
NEWS 14 DEC 17	CA/Caplus enhanced with new custom IPC display formats
NEWS 15 DEC 17	STN Viewer enhanced with full-text patent content from USPATOLD
NEWS 16 JAN 02	STN pricing information for 2008 now available
NEWS 17 JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS 18 JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS 19 JAN 28	MARPAT searching enhanced
NEWS 20 JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS 21 JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS 22 JAN 28	MEDLINE and LMEDLINE reloaded with enhancements
NEWS 23 FEB 08	STN Express, Version 8.3, now available
NEWS 24 FEB 20	PCI now available as a replacement to DPCI
NEWS 25 FEB 25	IFIREF reloaded with enhancements
NEWS 26 FEB 25	IMSPRODUCT reloaded with enhancements
NEWS 27 FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification

NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 14:56:41 ON 26 MAR 2008

=> file medline, agricola, caba, caplus, biosis, biotechno  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 0.21 0.21

FILE 'MEDLINE' ENTERED AT 14:57:24 ON 26 MAR 2008

FILE 'AGRICOLA' ENTERED AT 14:57:24 ON 26 MAR 2008

FILE 'CABA' ENTERED AT 14:57:24 ON 26 MAR 2008  
COPYRIGHT (C) 2008 CAB INTERNATIONAL (CABI)

FILE 'CPLUS' ENTERED AT 14:57:24 ON 26 MAR 2008  
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FILE 'BIOTECHNO' ENTERED AT 14:57:24 ON 26 MAR 2008  
COPYRIGHT (C) 2008 Elsevier Science B.V., Amsterdam. All rights reserved.

=> s (cooper, b? or cooper b?)/au  
L1 4668 (COOPER, B? OR COOPER B?)/AU

=> s 11 and two(w)hybrid

=> s 12 and (rice or oryza or sativa)  
L3 12 L2 AND (RICE OR ORYZA OR SATIVA)

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=> duplicate remove l3
DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L3
T.4          5 DUPLICATE REMOVE L3 (7 DUPLICATES REMOVED)
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$\Rightarrow d_{14} = 5 + i$

L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Cell proliferation-related polypeptides and encoding nucleic acids in rice and their uses for plant transformation

L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Rice genes induced by stress and their products and their use in  
the improvement of stress tolerance in crop plants

L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 1  
TI Abiotic stress responsive polynucleotides and polypeptides from plants and methods of altering the stress responsiveness of a plant

L4 ANSWER 4 OF 5 MEDLINE on STN  
TI A network of rice genes associated with stress response and seed development.

L4 ANSWER 5 OF 5 MEDLINE on STN DUPLICATE 2  
TI Identification of rice (*Oryza sativa*) proteins linked to the cyclin-mediated regulation of the cell cycle.

=> d 14 1-5 bib

L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2004:589680 CAPLUS  
DN 141:118359  
TI Cell proliferation-related polypeptides and encoding nucleic acids in rice and their uses for plant transformation  
IN Cooper, Bret  
PA Syngenta Participations A.-G., Switz.  
SO PCT Int. Appl., 408 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004061122	A2	20040722	WO 2003-US41200	20031223
WO 2004061122	A3	20070118		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2511824	A1	20040722	CA 2003-2511824	20031223
AU 2003303589	A1	20040729	AU 2003-303589	20031223
AU 2003303589	A2	20040729		
EP 1576178	A2	20050921	EP 2003-808558	20031223
R: AI, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CN 101018864	A	20070815	CN 2003-80107670	20031223
US 2006253917	A1	20061109	US 2005-533232	20051122
PRAI US 2002-436565P	P	20021226		
WO 2003-US41200	W	20031223		

L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2004:589648 CAPLUS  
DN 141:13524  
TI Rice genes induced by stress and their products and their use in the improvement of stress tolerance in crop plants  
IN Cooper, Bret  
PA Syngenta Participations A.-G., Switz.  
SO PCT Int. Appl., 551 pp.  
CODEN: PIXXD2

DT Patent  
LA English  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2004061080	A2	20040722	WO 2003-US41098	20031223
	WO 2004061080	A3	20041104		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2507868	A1	20040722	CA 2003-2507868		20031223
AU 2003299859	A1	20040729	AU 2003-299859		20031223
EP 1578971	A2	20050928	EP 2003-800133		20031223
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CN 1922323	A	20070228	CN 2003-80107762		20031223
US 2006235215	A1	20061019	US 2006-533176		20060412
PRAI US 2002-436564P	P	20021226			
WO 2003-US41098	W	20031223			

L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 1

AN 2003:539801 CAPLUS

DN 139:64476

TI Abiotic stress responsive polynucleotides and polypeptides from plants and methods of altering the stress responsiveness of a plant

IN Kreps, Joel; Briggs, Steven P.; Cooper, Bret; Glazebrook, Jane; Goff, Stephen A.; Katagiri, Fumiaki; Moughamer, Todd; Provart, Nicholas; Rieke, Darrell; Zhu, Tong

PA Syngenta Participations AG, Switz.

SO PCT Int. Appl., 177 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 11

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003008540	A2	20030130	WO 2002-XB19668	20020621
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
WO 2003008540	A2	20030130	WO 2002-US19668	20020621
WO 2003008540	A3	20031204		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
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US 2003135888	A1	20030717	US 2002-259165	20020926
US 2004010815	A1	20040115	US 2002-259194	20020926

PRAI US 2001-300112P P 20010622  
US 2001-314662P P 20010824  
US 2001-325277P P 20010926  
US 2001-332132P P 20011121  
WO 2002-US19668 A 20020621  
US 2002-368327P P 20020327  
US 2002-370620P P 20020404  
US 2002-370743P P 20020404

L4 ANSWER 4 OF 5 MEDLINE on STN  
AN 2003179508 MEDLINE  
DN PubMed ID: 12684538  
TI A network of rice genes associated with stress response and seed development.  
AU Cooper Bret; Clarke Joseph D; Budworth Paul; Kreps Joel;  
Hutchison Don; Park Sylvia; Guimil Sonia; Dunn Molly; Luginbuhl Peter;  
Ellero Cinzia; Goff Stephen A; Glazebrook Jane  
CS Torrey Mesa Research Institute, 3115 Merryfield Row, San Diego, CA 92121,  
USA.. bcooper912@worldnet.att.net  
SO Proceedings of the National Academy of Sciences of the United States of America, (2003 Apr 15) Vol. 100, No. 8, pp. 4945-50. Electronic Publication: 2003-04-08.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-AY224421; GENBANK-AY224422; GENBANK-AY224423; GENBANK-AY224424;  
GENBANK-AY224425; GENBANK-AY224426; GENBANK-AY224427; GENBANK-AY224428;  
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GENBANK-AY224509; GENBANK-AY224510  
EM 200306  
ED Entered STN: 17 Apr 2003  
Last Updated on STN: 18 Jun 2003  
Entered Medline: 17 Jun 2003

L4 ANSWER 5 OF 5 MEDLINE on STN  
AN 2004049571 MEDLINE  
DN PubMed ID: 14750518  
TI Identification of rice (*Oryza sativa*) proteins linked to the cyclin-mediated regulation of the cell cycle.  
AU Cooper Bret; Hutchison Don; Park Sylvia; Guimil Sonia; Luginbuhl Peter; Ellero Cinzia; Goff Stephen A; Glazebrook Jane

DUPLICATE 2

CS Torrey Mesa Research Institute, 3115 Merryfield Row, San Diego, CA 92121,  
USA.. bcooper912@worldnet.att.net  
SO Plant molecular biology, (2003 Oct) Vol. 53, No. 3, pp. 273-9.  
Journal code: 9106343. ISSN: 0167-4412.  
CY Netherlands  
DT (COMPARATIVE STUDY)  
Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-AY224516; GENBANK-AY224517; GENBANK-AY224518; GENBANK-AY224519;  
GENBANK-AY224520; GENBANK-AY224521; GENBANK-AY224522; GENBANK-AY224523;  
GENBANK-AY224524; GENBANK-AY224525; GENBANK-AY224526; GENBANK-AY224527;  
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GENBANK-AY224576; GENBANK-AY224577; GENBANK-AY224578; GENBANK-AY224579;  
GENBANK-AY224580; GENBANK-AY224581; GENBANK-AY224582; GENBANK-AY224583;  
GENBANK-AY224584; GENBANK-AY224585; GENBANK-AY224586; GENBANK-AY224587;  
GENBANK-AY224588; GENBANK-AY224589

EM 200403  
ED Entered STN: 31 Jan 2004  
Last Updated on STN: 20 Mar 2004  
Entered Medline: 19 Mar 2004

=> s osgf14 or osgf14-c or osgf14(w)c  
L5 4 OSGF14 OR OSGF14-C OR OSGF14(W) C  
  
=> s 15 not 14  
L6 4 L5 NOT L4  
  
=> duplicate remove 16  
DUPLICATE PREFERENCE IS 'MEDLINE, CABA, CAPLUS, BIOSIS'  
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n  
PROCESSING COMPLETED FOR L6  
L7 1 DUPLICATE REMOVE L6 (3 DUPLICATES REMOVED)

=> d 17 bib

L7 ANSWER 1 OF 1 MEDLINE on STN DUPPLICATE 1  
AN 2007348883 MEDLINE  
DN PubMed ID: 17562286  
TI Molecular analysis and expression patterns of the 14-3-3 gene family from  
Oryza sativa.  
AU Yao Yuan; Du Ying; Jiang Lin; Liu Jin-Yuan  
CS Laboratory of Molecular Biology, Department of Biological Sciences and  
Biotechnology, Tsinghua University, Beijing, P. R. China.  
SO Journal of biochemistry and molecular biology, (2007 May 31) Vol. 40, No.  
3, pp. 349-57.  
Journal code: 9702084. ISSN: 1225-8687.  
CY Korea (South)  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)

LA English  
FS Priority Journals  
EM 200709  
ED Entered STN: 13 Jun 2007  
Last Updated on STN: 26 Sep 2007  
Entered Medline: 25 Sep 2007

=> d 17 kwic

L7 ANSWER 1 OF 1 MEDLINE on STN DUPLICATE 1  
AB . . . of the genome database. Comparisons of deduced amino acid sequences reveal a high degree of identity among members of the OsGF14 family and reported *Arabidopsis* 14-3-3 proteins. A phylogenetic study indicates that OsGF14s contain both epsilon and non-epsilon forms, which is also confirmed by a structural analysis of OsGF14 genes. Furthermore, transcripts of OsGF14b, OsGF14c, OsGF14d, OsGF14e, OsGF14f and OsGF14g were detected in rice tissues. Their different expression patterns, . . . conditions and regulated by multiple signaling pathways, but also suggests that functional similarity and diversity coexist among the members of OsGF14 family.

=> s GTP(w)cyclohydrolase(w)II/3,4-dihydroxy-2-butanone(w)4-phosphate(w)synthase  
'4-DIHYDROXY-2-BUTANONE' IS NOT A VALID FIELD CODE  
For a list of field codes for the current file, enter "HELP SFIELDS"  
at an arrow prompt (=>).

=> GTP(w)cyclohydrolase II(s)synthase  
GTP(W)CYCLOHYDROLASE IS NOT A RECOGNIZED COMMAND  
The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (=>).

=> s GTP(w)cyclohydrolase II(s)synthase  
L8 50 GTP(W) CYCLOHYDROLASE II(S) SYNTHASE

=> s 18 and (plant or plants)  
L9 13 L8 AND (PLANT OR PLANTS)

=> duplicate remove 19  
DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'  
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n  
PROCESSING COMPLETED FOR L9  
L10 7 DUPLICATE REMOVE L9 (6 DUPLICATES REMOVED)

=> d 110 1-7 ti

L10 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 1  
TI Protein and cDNA sequences of a novel corn guanosine triphosphate cyclohydrolase II/L-3,4-dihydroxy-2-butanone-4-phosphate synthase

L10 ANSWER 2 OF 7 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
TI *Candida famata* (*Debaromyces hansenii*) DNA sequences containing genes involved in riboflavin synthesis.

L10 ANSWER 3 OF 7 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
TI Riboflavin biosynthesis as a target for antimicrobial chemotherapy.

L10 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN  
TI *in vitro* assays for inhibitors of GTP cyclohydrolase II involved in riboflavin biosynthesis

L10 ANSWER 5 OF 7 MEDLINE on STN DUPLICATE 2  
TI Biosynthesis of riboflavin in plants. The ribA gene of  
Arabidopsis thaliana specifies a bifunctional GTP  
cyclohydrolase II/3,4-dihydroxy-2-butanone 4-phosphate  
synthase.

L10 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Arabidopsis thaliana genes for enzymes of riboflavin biosynthesis and the  
development of novel herbicides

L10 ANSWER 7 OF 7 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
TI Biosynthesis of riboflavin: Cloning, sequencing, mapping, and  
hyperexpression of the genes ribA coding for GTP  
cyclohydrolase II and ribC coding for riboflavin  
synthase of Escherichia coli.

=> d l10 1, 5, 6 bib

L10 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 1  
AN 2004:33995 CAPLUS  
DN 140:89897  
TI Protein and cDNA sequences of a novel corn guanosine triphosphate  
cyclohydrolase II/L-3,4-dihydroxy-2-butanone-4-phosphate synthase  
IN Allen, Stephen M.; Kinney, Anthony J.; Rafalski, J. Antoni; Orozco, Emil  
M., Jr.; Miao, Guo-hua; Famodu, Omolayo O.; Lee, Jian-ming; Lohman, Karin  
N.; Rendina, Alan R.; Sakai, Hajime; Weng, Zude; Caimi, Perry G.; Fang,  
Yiwen; Shen, Jennie Bih-jien; Zoughi, Ilham L.; Anderson, Shawn L.; Shi,  
Jinrui; Lu, Guihua; Helentjaris, Timothy G.; Li, Chun Ping  
PA E. I. Du Pont de Nemours & Co., USA; Pioneer Hi-Bred International, Inc.  
SO U.S., 186 pp.  
CODEN: USXXAM  
DT Patent  
LA English  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 6677502	B1	20040113	US 2000-614912	20000712
PRAI US 1999-143401P	P	19990712		
US 1999-143412P	P	19990712		
US 1999-146650P	P	19990730		
US 1999-170906P	P	19991215		
US 1999-172946P	P	19991221		
US 1999-172959P	P	19991221		

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 5 OF 7 MEDLINE on STN DUPLICATE 2  
AN 2000244564 MEDLINE  
DN PubMed ID: 10783978  
TI Biosynthesis of riboflavin in plants. The ribA gene of  
Arabidopsis thaliana specifies a bifunctional GTP  
cyclohydrolase II/3,4-dihydroxy-2-butanone 4-phosphate  
synthase.  
AU Herz S; Eberhardt S; Bacher A  
CS Lehrstuhl fur Organische Chemie und Biochemie, Technische Universitat  
Munchen, Garching, Germany.  
SO Phytochemistry, (2000 Apr) Vol. 53, No. 7, pp. 723-31.  
Journal code: 0151434. ISSN: 0031-9422.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)

(RESEARCH SUPPORT, NON-U.S. GOV'T)

LA English  
 FS Priority Journals  
 EM 200007  
 ED Entered STN: 10 Aug 2000  
 Last Updated on STN: 10 Aug 2000  
 Entered Medline: 25 Jul 2000

L10 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 1999:495401 CAPLUS  
 DN 131:127762  
 TI *Arabidopsis thaliana genes for enzymes of riboflavin biosynthesis and the development of novel herbicides*  
 IN Guyer, Charles David; Johnson, Marie Ann; Volrath, Sandra Lynn; Brunn, Sandra Alice; Ward, Eric Russell  
 PA Novartis A.-G., Switz.; Novartis-Erfindungen Verwaltungsgesellschaft m.b.H.  
 SO PCT Int. Appl., 78 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9938986	A2	19990805	WO 1999-EP556	19990128
	WO 9938986	A3	19990923		
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, US, UZ, VN, YU, ZW				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2318522	A1	19990805	CA 1999-2318522	19990128
	AU 9927202	A	19990816	AU 1999-27202	19990128
	AU 744487	B2	20020228		
	EP 1051504	A2	20001115	EP 1999-907444	19990128
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	BR 9908213	A	20001128	BR 1999-8213	19990128
	TR 200002193	T2	20010521	TR 2000-2193	19990128
	HU 2001001278	A2	20010828	HU 2001-1278	19990128
	HU 2001001278	A3	20030428		
	JP 2002501753	T	20020122	JP 2000-529444	19990128
	ZA 9900716	A	19990730	ZA 1999-716	19990129
	IN 2000CN00209	A	20050520	IN 2000-CN209	20000725
	MX 2000PA07432	A	20010219	MX 2000-PA7432	20000728
PRAI	US 1998-109810P	P	19980130		
	WO 1999-EP556	W	19990128		

=> d his

(FILE 'HOME' ENTERED AT 14:56:41 ON 26 MAR 2008)

FILE 'MEDLINE, AGRICOLA, CABAB, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 14:57:24 ON 26 MAR 2008

L1 4668 S (COOPER, B? OR COOPER B?) /AU  
 L2 12 S L1 AND TWO(W)HYBRID  
 L3 12 S L2 AND (RICE OR ORYZA OR SATIVA)  
 L4 5 DUPLICATE REMOVE L3 (7 DUPLICATES REMOVED)

L5           4 S OSGF14 OR OSGF14-C OR OSGF14(W)C  
L6           4 S L5 NOT L4  
L7           1 DUPLICATE REMOVE L6 (3 DUPLICATES REMOVED)  
L8           50 S GTP(W)CYCLOHYDROLASE II(S)SYNTHASE  
L9           13 S L8 AND (PLANT OR PLANTS)  
L10          7 DUPLICATE REMOVE L9 (6 DUPLICATES REMOVED)

=> s riba and (plant or plants)  
L11          37 RIBA AND (PLANT OR PLANTS)

=> s l11 not 19  
L12          28 L11 NOT L9

=> duplicate remove l12  
DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'  
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n  
PROCESSING COMPLETED FOR L12  
L13          20 DUPLICATE REMOVE L12 (8 DUPLICATES REMOVED)

=> d l13 1-10 ti

L13 ANSWER 1 OF 20 CABA COPYRIGHT 2008 CABI on STN  
TI Outstanding behaviour of different self rooted walnut cultivars (*Juglans*  
spp.) at four locations with different soil conditions.

L13 ANSWER 2 OF 20 CABA COPYRIGHT 2008 CABI on STN     DUPLICATE 1  
TI Co-inoculation effects of phosphate solubilizing microorganisms and *Glomus*  
*fasciculatum* on green gram-Bradyrhizobium symbiosis.

L13 ANSWER 3 OF 20 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
TI A novel Nudix hydrolase for oxidized purine nucleoside triphosphates  
encoded by ORFYLR151c (PCD1 gene) in *Saccharomyces cerevisiae*.

L13 ANSWER 4 OF 20 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
TI Addition to flora mesoamericana: A new record of *Theleypteris*  
(*Theleypteridaceae*) for Chiapas, Mexico.

L13 ANSWER 5 OF 20 CABA COPYRIGHT 2008 CABI on STN     DUPLICATE 2  
TI Activity of octylthiotrifluoropropan-2-one, a potent esterase inhibitor,  
on growth, development, and intraspecific communication in *Spodoptera*  
*littoralis* and *Sesamia nonagrioides*.

L13 ANSWER 6 OF 20 CABA COPYRIGHT 2008 CABI on STN     DUPLICATE 3  
TI Replica Immunoblot Assay (RIBA): a new method for quantification  
and specific determination of Rhizobium and Bradyrhizobium strains  
directly in legume nodules.

L13 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Analysis of the chromosome sequence of the legume symbiont *Sinorhizobium*  
*meliloti* strain 1021

L13 ANSWER 8 OF 20 MEDLINE on STN  
TI Riboflavin synthesis genes *ribE*, *ribB*, *ribH*, *ribA* reside in the  
lux operon of *Photobacterium leiognathii*.

L13 ANSWER 9 OF 20 CABA COPYRIGHT 2008 CABI on STN  
TI Effect of potassium and magnesium fertilization on yield and nutrient  
content of rice crop grown on artificial siltation soil.

L13 ANSWER 10 OF 20 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on  
STN  
TI In memoriam: Ramon Riba y Nava Esparza.

=> d l13 11-20 ti

L13 ANSWER 11 OF 20 MEDLINE on STN DUPLICATE 4  
TI Hemolytic properties and riboflavin synthesis of *Helicobacter pylori*: cloning and functional characterization of the *ribA* gene encoding GTP-cyclohydrolase II that confers hemolytic activity to *Escherichia coli*.

L13 ANSWER 12 OF 20 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
TI Reduced near-UV sensitivity in *Phycomyces* mutants affected in the biosynthesis of 6,7-dimethyl-8-ribityllumazine.

L13 ANSWER 13 OF 20 CABAB COPYRIGHT 2008 CABI on STN  
TI Variety: 'Riba' syn. 'CPI 23944'. Application number 94/151.

L13 ANSWER 14 OF 20 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
TI The presence of hepatitis C virus (HCV) antibody in human immunodeficiency virus-positive hemophilic men undergoing HCV "seroreversion".

L13 ANSWER 15 OF 20 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
TI Antibodies to hepatitis C virus and hepatitis C virus RNA in Chinese blood donors determined by ELISA, recombinant immunoblot assay and polymerase chain reaction.

L13 ANSWER 16 OF 20 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
TI A GENETIC MAP OF PHYCOMYCES-BLAKESLEANUS.

L13 ANSWER 17 OF 20 CABAB COPYRIGHT 2008 CABI on STN  
TI [Histochemical and ultrastructural characteristics of erythrocytes in some sea teleosts].  
Histokemijske i ultrastrukturalne karakteristike eritrocita u nekim morskih riba kostunjaca.

L13 ANSWER 18 OF 20 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2008) on STN DUPLICATE 5  
TI Study of the parasitofauna of freshwater fishes from fish ponds of Bosnia and Herzegovina. I. Cyprinid fish ponds. A. Monogenous trematodes. 3. Monogenous trematodes of plant-eating fish.  
Istrazivanje parazitofaune riba slatkovodnih ribnjaka Bosne i Hercegovine. I. Ciprinidni ribnjaci A. Monogeni trematodi. 3. (Monogeni trematodi riba biljojedna).

L13 ANSWER 19 OF 20 CABAB COPYRIGHT 2008 CABI on STN  
TI [Some theoretical and practical problems in rearing fish of the family Mugilidae].  
O nekim teoretskim i prakticnim problemima uzgoja riba iz obitelji Mugilidae.

L13 ANSWER 20 OF 20 CABAB COPYRIGHT 2008 CABI on STN  
TI [Efficiency of herbivorous fish for aquatic plant control in hydroameliorative channels].  
Efikasnost biljojednih riba u suzbijanju akvaticnog bilja u hidromeliorativnim kanalima.

=> d 113 12 bib

L13 ANSWER 12 OF 20 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
AN 1995:461529 BIOSIS  
DN PRBV199598475829  
TI Reduced near-UV sensitivity in Phycomyces mutants affected in the biosynthesis of 6,7-dimethyl-8-ribityllumazine.  
AU Tillmanns, Sascha; Senger, Horst; Galland, Paul [Reprint author]  
CS Fachbereich Biol./Bot., Philipps-Univ., Lahnberge, D-35032 Marburg, Germany  
SO Photochemistry and Photobiology, (1995) Vol. 62, No. 3, pp. 588-595.  
CODEN: PHCBAP. ISSN: 0031-8655.  
DT Article  
LA English  
ED Entered STN: 27 Oct 1995  
Last Updated on STN: 14 Dec 1995

=> s riboflavin and stress

L14 768 RIBOFLAVIN AND STRESS

=> s riboflavin(s)stress

L15 290 RIBOFLAVIN(S) STRESS

=> s l15 and (plant or plants)

L16 57 L15 AND (PLANT OR PLANTS)

=> duplicate remove l16

DUPPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS'

KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L16

L17 36 DUPLICATE REMOVE L16 (21 DUPLICATES REMOVED)

=> d 117 1-10 ti

L17 ANSWER 1 OF 36 MEDLINE on STN

DUPLICATE 1

TI Structural and kinetic properties of lumazine synthase isoenzymes in the order Rhizobiales.

L17 ANSWER 2 OF 36 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN

TI Growth stress triggers riboflavin overproduction in Ashbya gossypii.

L17 ANSWER 3 OF 36 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN

TI Mutations and environmental factors affecting regulation of riboflavin synthesis and iron assimilation also cause oxidative stress in the yeast Pichia guilliermondii.

L17 ANSWER 4 OF 36 MEDLINE on STN

DUPLICATE 2

TI Iron assimilation and transcription factor controlled synthesis of riboflavin in plants.

L17 ANSWER 5 OF 36 CABA COPYRIGHT 2008 CABI on STN

TI Effect of chemical-sand priming on seed vigor of super sweet corn and their physiological changes.

L17 ANSWER 6 OF 36 MEDLINE on STN

DUPLICATE 3

TI In vitro microspore selection in maize anther culture with oxidative-stress stimulators.

L17 ANSWER 7 OF 36 CABA COPYRIGHT 2008 CABI on STN  
TI Photodynamic effects of methionine-riboflavin mixture on antioxidant proteins.

L17 ANSWER 8 OF 36 CABA COPYRIGHT 2008 CABI on STN  
TI Antioxidant and micronutrient quality of fruit and root vegetables from the Indian subcontinent and their comparative performance with green leafy vegetables and fruits.

L17 ANSWER 9 OF 36 CABA COPYRIGHT 2008 CABI on STN  
TI Restraint stress induced changes and their modification by Spirulina platensis in albino rats: an experimental study.

L17 ANSWER 10 OF 36 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
TI Effects of ROS progenitors on the sporophytic development of maize microspores.

=> d 117 2 bib

L17 ANSWER 2 OF 36 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
AN 2007:561852 BIOSIS  
DN PREV200700558692  
TI Growth stress triggers riboflavin overproduction in *Ashbya gossypii*.  
AU Schloesser, Thomas; Wiesenburg, Andreas; Gaetgens, Cornelia; Funke, Andreas; Viets, Ulrike; Vijayalakshmi, Swaminathan; Nieland, Susanne; Stahmann, K.-Peter [Reprint Author]  
CS Fachhsch Lausitz, Fachbereich Bio Chem and Verfahrenstech, Grossenhainer Str 57, D-01958 Senftenberg, Germany  
stahmann@fh-lausitz.de  
SO Applied Microbiology and Biotechnology, (SEP 2007) Vol. 76, No. 3, pp. 569-578.  
CODEN: AMBIDG. ISSN: 0175-7598.  
DT Article  
LA English  
ED Entered STN: 31 Oct 2007  
Last Updated on STN: 31 Oct 2007

=> d 117 11-20 ti

L17 ANSWER 11 OF 36 CABA COPYRIGHT 2008 CABI on STN DUPLICATE 4  
TI Plant adaptation to oil stress.

L17 ANSWER 12 OF 36 CABA COPYRIGHT 2008 CABI on STN  
TI [Effect of foliar injection of juglone on expression of superoxide dismutase in two cultivars of *Musa* spp].  
Efecto de la inyección foliar de juglone sobre el sistema antioxidante de las Superoxido dismutasas en dos cultivares de *Musa* spp.

L17 ANSWER 13 OF 36 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
TI Riboflavin deficiency impairs oxidative folding of interleukin-2, triggering unfolded protein response in Jurkat cells.

L17 ANSWER 14 OF 36 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Riboflavin (vitamin B2) treatments counteract the adverse effects of salinity on growth and some relevant physiological responses of *Hibiscus sabdariffa* L. seedlings

L17 ANSWER 15 OF 36 CABAB COPYRIGHT 2008 CABI on STN  
TI Riboflavin, overproduced during sporulation of *Ashbya gossypii*, protects its hyaline spores against ultraviolet light.

L17 ANSWER 16 OF 36 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Iron resupply-mediated deactivation of Fe-deficiency stress responses in roots of sugar beet

L17 ANSWER 17 OF 36 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.  
(2008) on STN DUPLICATE 5  
TI Taxonomic distribution of dicotyledonous species capable of root excretion of riboflavin under iron deficiency.

L17 ANSWER 18 OF 36 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
TI Oversynthesis of riboflavin by yeast *Pichia guilliermondii* in response to oxidative stress.

L17 ANSWER 19 OF 36 CABAB COPYRIGHT 2008 CABI on STN  
TI [Mycotoxins and mycotoxicosis in poultry].  
Micotoxinas e micotoxicoses na avicultura.

L17 ANSWER 20 OF 36 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.  
(2008) on STN DUPLICATE 6  
TI Iron-deficiency stress responses of a chlorosis-susceptible and a chlorosis-resistant cultivar of muskmelon as related to root riboflavin excretion.

=> d 117 14,18 bib

L17 ANSWER 14 OF 36 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2003:435737 CAPLUS  
DN 140:2919  
TI Riboflavin (vitamin B2) treatments counteract the adverse effects of salinity on growth and some relevant physiological responses of *Hibiscus sabdariffa* L. seedlings  
AU Hassanein, A. M.; Azzoz, H. M.; Faheed, F. A.  
CS Botany Department, Faculty of Science, South Valley University, Sohag, 82524, Egypt  
SO Bulletin of the Faculty of Science, Assiut University, D: Botany (2002), 31(2), 295-303  
CODEN: BFSBEG  
PB Assiut University  
DT Journal  
LA English  
RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 18 OF 36 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
AN 2001:113840 BIOSIS  
DN PREV200100113840  
TI Oversynthesis of riboflavin by yeast *Pichia guilliermondii* in response to oxidative stress.  
AU Protschenko, O. V. [Reprint author]; Boretsky, Yu. R. [Reprint author]; Romanyuk, T. M. [Reprint author]; Fedorovych, D. V. [Reprint author]  
CS Division of regulatory cell system, O.V.Palladin Institute of

Biochemistry, National Academy of Science of Ukraine, Lviv, Ukraine  
prot@biochem.lviv.ua  
SO Ukrainskii Biokhimicheskii Zhurnal, (2000) Vol. 72, No. 2, pp. 19-23.  
print.  
CODEN: UBZHD4. ISSN: 0201-8470.  
DT Article  
LA English  
ED Entered STN: 7 Mar 2001  
Last Updated on STN: 15 Feb 2002

=> d 117 21-30 ti

L17 ANSWER 21 OF 36 CABAB COPYRIGHT 2008 CABI on STN DUPLICATE 7  
TI Involvement of singlet oxygen in the breakdown of photosynthetic pigments  
in the leaves of rice seedlings exposed to osmotic stress and light.

L17 ANSWER 22 OF 36 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Physiological responses of plant root to environmental  
stress. III. Difference in riboflavin secretion  
phenomenon as a result of iron-deficiency among plant species

L17 ANSWER 23 OF 36 CABAB COPYRIGHT 2008 CABI on STN  
TI Effects of root temperature on iron stress responses.

L17 ANSWER 24 OF 36 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Physiological responses of plant root to environmental  
stress. II. The relation between riboflavin secretion as  
a results of iron deficiency and ferric reducing system on the  
plant root

L17 ANSWER 25 OF 36 CABAB COPYRIGHT 2008 CABI on STN DUPLICATE 8  
TI Ferredoxin and flavodoxin analysis in tobacco in response to iron stress.

L17 ANSWER 26 OF 36 AGRICOLA Compiled and distributed by the National  
Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
(2008) on STN DUPLICATE 9  
TI Iron stress and salt stress responses of lettuce (*Lactuca sativa L.*).

L17 ANSWER 27 OF 36 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Physiological responses of plant root to environmental stress.  
I. Analysis of iron-deficiency response systems on the plant  
root, using the hairy root

L17 ANSWER 28 OF 36 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on  
STN  
TI IDENTIFICATION OF THE PIGMENT RESPONSIBLE FOR THE BLUE FLUORESCENCE BAND  
IN THE LASER INDUCED FLUORESCENCE LIF SPECTRA OF GREEN PLANTS  
AND THE POTENTIAL USE OF THIS BAND IN REMOTELY ESTIMATING RATES OF  
PHOTOSYNTHESIS.

L17 ANSWER 29 OF 36 CABAB COPYRIGHT 2008 CABI on STN DUPLICATE 10  
TI Responses of pepper (*Capsicum annuum*) plants to iron deficiency:  
solution pH and riboflavin.

L17 ANSWER 30 OF 36 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Sugar beet responses to iron nutrition and stress

=> d 117 31-36 ti

L17 ANSWER 31 OF 36 CABA COPYRIGHT 2008 CABI on STN  
TI Physiological responses associated with Fe-deficiency stress in different plant species.

L17 ANSWER 32 OF 36 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Riboflavin excretion from roots of iron-stressed and reciprocally grafted tobacco and tomato plants

L17 ANSWER 33 OF 36 CABA COPYRIGHT 2008 CABI on STN  
TI Excretion of riboflavin by iron deficient plants.

L17 ANSWER 34 OF 36 CABA COPYRIGHT 2008 CABI on STN DUPLICATE 11  
TI Application of high performance liquid chromatography in the characterization of iron stress response.

L17 ANSWER 35 OF 36 CABA COPYRIGHT 2008 CABI on STN  
TI Dehydrated products with high protein contents for athletes.

L17 ANSWER 36 OF 36 CABA COPYRIGHT 2008 CABI on STN  
TI Iron uptake by sunflower plants under sterile and non-sterile conditions.

=> s riboflavin(w)biosynthesis(s)(plant or plants)  
L18 36 RIBOFLAVIN(W) BIOSYNTHESIS(S)(PLANT OR PLANTS)

=> d his

(FILE 'HOME' ENTERED AT 14:56:41 ON 26 MAR 2008)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 14:57:24 ON 26 MAR 2008

L1 4668 S (COOPER, B? OR COOPER B?) /AU  
L2 12 S L1 AND TWO(W)HYBRID  
L3 12 S L2 AND (RICE OR ORYZA OR SATIVA)  
L4 5 DUPLICATE REMOVE L3 (7 DUPLICATES REMOVED)  
L5 4 S OSGF14 OR OSGF14-C OR OSGF14(W)C  
L6 4 S L5 NOT L4  
L7 1 DUPLICATE REMOVE L6 (3 DUPLICATES REMOVED)  
L8 50 S GTP(W)CYCLOHYDROLASE II(S)SYNTASE  
L9 13 S L8 AND (PLANT OR PLANTS)  
L10 7 DUPLICATE REMOVE L9 (6 DUPLICATES REMOVED)  
L11 37 S RIBA AND (PLANT OR PLANTS)  
L12 28 S L11 NOT L9  
L13 20 DUPLICATE REMOVE L12 (8 DUPLICATES REMOVED)  
L14 768 S RIBOFLAVIN AND STRESS  
L15 290 S RIBOFLAVIN(S)STRESS  
L16 57 S L15 AND (PLANT OR PLANTS)  
L17 36 DUPLICATE REMOVE L16 (21 DUPLICATES REMOVED)  
L18 36 S RIBOFLAVIN(W)BIOSYNTHESIS(S)(PLANT OR PLANTS)

=> s l18 not 13  
L19 36 L18 NOT L3

=> s l19 not 19  
L20 33 L19 NOT L9

=> s l20 not 111  
L21 33 L20 NOT L11

=> s l21 not 115  
L22 33 L21 NOT L15

=> duplicate remove 122  
DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'  
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n  
PROCESSING COMPLETED FOR L22  
L23 14 DUPLICATE REMOVE L22 (19 DUPLICATES REMOVED)

=> d 123 1-10 ti

L23 ANSWER 1 OF 14 MEDLINE on STN DUPLICATE 1  
TI Lumazine synthase from *Candida albicans* as an anti-fungal target enzyme:  
structural and biochemical basis for drug design.

L23 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Luminol and related metabolites secreted by nodulating bacteria as  
photosynthesis and growth promoting agents for plants

L23 ANSWER 3 OF 14 CABA COPYRIGHT 2008 CABI on STN  
TI Evolution of vitamin B2 biosynthesis: 6,7-dimethyl-8-ribityllumazine  
synthases of *Brucella*.

L23 ANSWER 4 OF 14 MEDLINE on STN DUPLICATE 2  
TI Structural and thermodynamic insights into the binding mode of five novel  
inhibitors of lumazine synthase from *Mycobacterium tuberculosis*.

L23 ANSWER 5 OF 14 CABA COPYRIGHT 2008 CABI on STN DUPLICATE 3  
TI Biosynthesis of vitamin B2 in plants.

L23 ANSWER 6 OF 14 MEDLINE on STN DUPLICATE 4  
TI Crystallographic studies on decameric *Brucella* spp. Lumazine synthase: a  
novel quaternary arrangement evolved for a new function?.

L23 ANSWER 7 OF 14 MEDLINE on STN DUPLICATE 5  
TI Evolution of vitamin B2 biosynthesis: structural and functional similarity  
between pyrimidine deaminases of eubacterial and plant origin.

L23 ANSWER 8 OF 14 AGRICOLA Compiled and distributed by the National  
Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
(2008) on STN DUPLICATE 6  
TI A tomato enzyme catalyzing the phosphorylation of 3,4-dihydroxy-2-  
butanone.

L23 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Lumazine synthase and riboflavin synthase from plants and fungi

L23 ANSWER 10 OF 14 MEDLINE on STN DUPLICATE 7  
TI Plant riboflavin biosynthesis. Cloning,  
chloroplast localization, expression, purification, and partial  
characterization of spinach lumazine synthase.

=> d 123 5, 7, 8, 9, 10 bib

L23 ANSWER 5 OF 14 CABA COPYRIGHT 2008 CABI on STN DUPLICATE 3  
AN 2006:184927 CABA  
DN 20063174140  
TI Biosynthesis of vitamin B2 in plants  
AU Fischer, M.; Bacher, A.  
CS Lehrstuhl fur Organische Chemie und Biochemie, Technische Universitat  
Munchen, Lichtenbergstr. 4, D-85747 Garching, Germany.  
markus.fischer@ch.tum.de

SO Physiologia Plantarum, (2006) Vol. 126, No. 3, pp. 304-318. many ref.  
Publisher: Blackwell Publishing. Copenhagen  
ISSN: 0031-9317  
URL: <http://www.blackwell-synergy.com/servlet/useragent?func=showIssues&code=ppl>  
DOI: 10.1111/j.1399-3054.2006.00607.x

CY Denmark  
DT Journal  
LA English  
ED Entered STN: 3 Nov 2006  
Last Updated on STN: 3 Nov 2006

L23 ANSWER 7 OF 14 MEDLINE on STN DUPLICATE 5  
AN 2004417010 MEDLINE  
DN PubMed ID: 15208317  
TI Evolution of vitamin B2 biosynthesis: structural and functional similarity between pyrimidine deaminases of eubacterial and plant origin.  
AU Fischer Markus; Romisch Werner; Saller Sabine; Illarionov Boris; Richter Gerald; Rohdich Felix; Eisenreich Wolfgang; Bacher Adelbert  
CS Lehrstuhl fur Organische Chemie und Biochemie, Technische Universitat Munchen, Lichtenbergstrasse 4, Garching D-85747, Germany..  
markus.fischer@ch.tum.de  
SO The Journal of biological chemistry, (2004 Aug 27) Vol. 279, No. 35, pp. 36299-308. Electronic Publication: 2004-06-18.  
Journal code: 2985121R. ISSN: 0021-9258.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Priority Journals  
OS GENBANK-AY456384  
EM 200410  
ED Entered STN: 24 Aug 2004  
Last Updated on STN: 7 Oct 2004  
Entered Medline: 6 Oct 2004

L23 ANSWER 8 OF 14 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.  
(2008) on STN DUPLICATE 6  
AN 2003:7002 AGRICOLA  
DN IND23300632  
TI A tomato enzyme catalyzing the phosphorylation of 3,4-dihydroxy-2-butanone.  
AU Herz, S.; Kis, K.; Bacher, A.; Rohdich, F.  
AV DNAL (450 P5622)  
SO Phytochemistry, May 2002. Vol. 60, No. 1. p. 3-11  
Publisher: Oxford : Elsevier Science Ltd.  
CODEN: PYTCAS; ISSN : 0031-9422  
NTE Includes references  
CY England; United Kingdom  
DT Article  
FS Non-U.S. Imprint other than FAO  
LA English

L23 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2000:376524 CAPLUS  
DN 133:39877  
TI Lumazine synthase and riboflavin synthase from plants and fungi  
IN Vitanen, Paul Veikko; Jordan, Douglas Brian; Bacot, Karen Onley  
PA E. I. Du Pont de Nemours & Co., USA  
SO Jpn. Kokai Tokkyo Koho, 58 pp.

CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000152791	A	20000606	JP 1998-336558	19981111
PRAI JP 1998-336558		19981111		

L23 ANSWER 10 OF 14 MEDLINE on STN DUPLICATE 7  
AN 1999348358 MEDLINE  
DN PubMed ID: 10419541  
TI Plant riboflavin biosynthesis. Cloning,  
chloroplast localization, expression, purification, and partial  
characterization of spinach lumazine synthase.  
AU Jordan D B; Bacot K O; Carlson T J; Kessel M; Viitanen P V  
CS E. I. DuPont de Nemours Agricultural Products, Stine-Haskell Research  
Center, Newark, Delaware 19714, USA.  
SO The Journal of biological chemistry, (1999 Jul 30) Vol. 274, No. 31, pp.  
22114-21.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-AF147203; GENBANK-AF148648; GENBANK-AF148649  
EM 199908  
ED Entered STN: 27 Aug 1999  
Last Updated on STN: 27 Aug 1999  
Entered Medline: 19 Aug 1999

=> d 123 11-14 ti

L23 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Riboflavin biosynthetic enzymes

L23 ANSWER 12 OF 14 CABA COPYRIGHT 2008 CAB International on STN  
TI Isolation of cDNAs encoding GTP cyclohydrolase II from *Arabidopsis thaliana*.

L23 ANSWER 13 OF 14 CABA COPYRIGHT 2008 CAB International on STN  
TI [Riboflavin from xylose utilizing *Candida guilliermondii*].  
Obtencao de riboflavina a partir de xilose, utilizando *Candida guilliermondii*.

L23 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Dynamics of the biosynthesis of riboflavin in developing soybean seed

=> d 123 11, 12 14 bib

L23 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2000:283393 CAPLUS  
DN 133:101159  
TI Riboflavin biosynthetic enzymes  
AU Jordan, Douglas B.; Bacot, Karen O.; Carlson, Thomas J.; Picollelli, Michael P.; Wawrzak, Zdzislaw; Kessel, Martin; Viitanen, Paul V.  
CS Stine-Haskell Research Center, E. I. DuPont de Nemours and Co., Newark, DE, 19714, USA  
SO Photosynthesis: Mechanisms and Effects, Proceedings of the International Congress on Photosynthesis, 11th, Budapest, Aug. 17-22, 1998 (1998),

Volume 5, 3637-3640. Editor(s): Garab, Gyozo. Publisher: Kluwer Academic Publishers, Dordrecht, Neth.  
CODEN: 68VVAS  
DT Conference; General Review  
LA English  
RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 12 OF 14 CABAB COPYRIGHT 2008 CABI on STN  
AN 96:25108 CABAB  
DN 19961600947  
TI Isolation of cDNAs encoding GTP cyclohydrolase II from *Arabidopsis thaliana*  
AU Kobayashi, M.; Sugiyama, M.; Yamamoto, K.  
CS Biological Institute, Faculty of Science, Tohoku University, Sendai 980-77, Japan.  
SO Gene, (1995) Vol. 160, No. 2, pp. 303-304. 8 ref.  
ISSN: 0378-1119  
DT Journal  
LA English  
ED Entered STN: 16 Feb 1996  
Last Updated on STN: 16 Feb 1996  
  
L23 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 1985:520123 CAPLUS  
DN 103:120123  
OREF 103:19165a,19168a  
TI Dynamics of the biosynthesis of riboflavin in developing soybean seed  
AU Vedrina-Dragojevic, I.; Momirovic-Culjat, J.; Balint, L.  
CS Fac. Pharm. Biochem., Univ. Zagreb, Zagreb, 41000, Yugoslavia  
SO Zeitschrift fuer Acker- und Pflanzenbau (1985), 154(2), 73-81  
CODEN: ZAPFAR; ISSN: 0044-2151  
DT Journal  
LA English

=> d his

(FILE 'HOME' ENTERED AT 14:56:41 ON 26 MAR 2008)

FILE 'MEDLINE, AGRICOLA, CABAB, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT  
14:57:24 ON 26 MAR 2008

L1 4668 S (COOPER, B? OR COOPER B?) /AU  
L2 12 S L1 AND TWO(W)HYBRID  
L3 12 S L2 AND (RICE OR ORYZA OR SATIVA)  
L4 5 DUPLICATE REMOVE L3 (7 DUPLICATES REMOVED)  
L5 4 S OSGF14 OR OSGF14-C OR OSGF14(W)C  
L6 4 S L5 NOT L4  
L7 1 DUPLICATE REMOVE L6 (3 DUPLICATES REMOVED)  
L8 50 S GTP(W)CYCLOHYDROLASE II(S)SYNTHASE  
L9 13 S L8 AND (PLANT OR PLANTS)  
L10 7 DUPLICATE REMOVE L9 (6 DUPLICATES REMOVED)  
L11 37 S RIBA AND (PLANT OR PLANTS)  
L12 28 S L11 NOT L9  
L13 20 DUPLICATE REMOVE L12 (8 DUPLICATES REMOVED)  
L14 768 S RIBOFLAVIN AND STRESS  
L15 290 S RIBOFLAVIN(S)STRESS  
L16 57 S L15 AND (PLANT OR PLANTS)  
L17 36 DUPLICATE REMOVE L16 (21 DUPLICATES REMOVED)  
L18 36 S RIBOFLAVIN(W)BIOSYNTHESIS(S) (PLANT OR PLANTS)  
L19 36 S L18 NOT L3  
L20 33 S L19 NOT L9

L21            33 S L20 NOT L11  
L22            33 S L21 NOT L15  
L23            14 DUPLICATE REMOVE L22 (19 DUPLICATES REMOVED)

=> s 18 and (fragment or truncation or truncated)  
L24            14 L8 AND (FRAGMENT OR TRUNCATION OR TRUCATED)

=> duplicate remove l24  
DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CAPLUS, BIOSIS, BIOTECHNO'  
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n  
PROCESSING COMPLETED FOR L24  
L25            5 DUPLICATE REMOVE L24 (9 DUPLICATES REMOVED)

=> d 125 1-5 ti

L25 ANSWER 1 OF 5        MEDLINE on STN                                    DUPLICATE 1  
TI Identification and characterization of two *Streptomyces davawensis*  
riboflavin biosynthesis gene clusters.

L25 ANSWER 2 OF 5        BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
TI Plant metabolism genes.

L25 ANSWER 3 OF 5        MEDLINE on STN                                    DUPLICATE 2  
TI Production of riboflavin by metabolically engineered *Corynebacterium*  
ammoniagenes.

L25 ANSWER 4 OF 5        MEDLINE on STN                                    DUPLICATE 3  
TI *Helicobacter pylori* ribBA-mediated riboflavin production is involved in  
iron acquisition.

L25 ANSWER 5 OF 5        CAPLUS COPYRIGHT 2008 ACS on STN  
TI Biosynthesis of riboflavin. Cloning, sequencing, mapping, and  
hyperexpression of the genes ribA coding for GTP  
cyclohydrolase II and ribC coding for riboflavin  
synthase of *Escherichia coli*.

=> d 125 5 kwic

L25 ANSWER 5 OF 5        CAPLUS COPYRIGHT 2008 ACS on STN  
TI Biosynthesis of riboflavin. Cloning, sequencing, mapping, and  
hyperexpression of the genes ribA coding for GTP  
cyclohydrolase II and ribC coding for riboflavin  
synthase of *Escherichia coli*.

AB The gene coding for GTP cyclohydrolase II of *E. coli* was cloned on a 3 kb  
fragment from an EcoRI gene bank by a marker rescue strategy using  
a riboflavin mutant of *E. coli*. The gene and . . . synthase activity.  
The metabolic defect of this mutant was complemented by a plasmid carrying  
a 6 kb inser. The entire fragment was sequenced by primer walk  
strategy. Several potential open reading frames were found. One ORF of  
639 bp shows homol. . . .

IT *Escherichia coli*

Genetic mapping

Protein sequences

(cloning, sequencing, mapping, and hyperexpression of genes ribA coding  
for GTP cyclohydrolase II and ribC coding  
for riboflavin synthase of *Escherichia coli*)

IT Gene, microbial

RL: BOC (Biological occurrence); BSU (Biological study, unclassified); PRP  
(Properties); BIOL (Biological study); OCCU (Occurrence)

(ribA, cloning, sequencing, mapping, and hyperexpression of genes ribA  
coding for GTP cyclohydrolase II and ribC

coding for riboflavin synthase of Escherichia coli)  
 IT Gene, microbial  
 RL: BOC (Biological occurrence); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study); OCCU (Occurrence)  
     (ribC, cloning, sequencing, mapping, and hyperexpression of genes ribA  
     coding for GTP cyclohydrolase II and ribC  
     coding for riboflavin synthase of Escherichia coli)  
 IT 83-88-5, Riboflavin, biological studies  
 RL: BSU (Biological study, unclassified); BIOL (Biological study)  
     (cloning, sequencing, mapping, and hyperexpression of genes ribA coding  
     for GTP cyclohydrolase II and ribC coding  
     for riboflavin synthase of Escherichia coli)  
 IT 9075-82-5, Riboflavin synthase 56214-35-8, GTP  
 cyclohydrolase II 172725-64-3 172726-12-4  
 RL: PRP (Properties)  
     (cloning, sequencing, mapping, and hyperexpression of genes ribA coding  
     for GTP cyclohydrolase II and ribC coding  
     for riboflavin synthase of Escherichia coli)

=> d his

(FILE 'HOME' ENTERED AT 14:56:41 ON 26 MAR 2008)

FILE 'MEDLINE, AGRICOLA, CABAB, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT  
14:57:24 ON 26 MAR 2008

L1       4668 S (COOPER, B? OR COOPER B?) /AU  
 L2       12 S L1 AND TWO(W)HYBRID  
 L3       12 S L2 AND (RICE OR ORYZA OR SATIVA)  
 L4       5 DUPLICATE REMOVE L3 (7 DUPLICATES REMOVED)  
 L5       4 S OSGF14 OR OSGF14-C OR OSGF14(W)C  
 L6       4 S L5 NOT L4  
 L7       1 DUPLICATE REMOVE L6 (3 DUPLICATES REMOVED)  
 L8       50 S GTP(W)CYCLOHYDROLASE II(S)SYNTHASE  
 L9       13 S L8 AND (PLANT OR PLANTS)  
 L10      7 DUPLICATE REMOVE L9 (6 DUPLICATES REMOVED)  
 L11      37 S RIBA AND (PLANT OR PLANTS)  
 L12      28 S L11 NOT L9  
 L13      20 DUPLICATE REMOVE L12 (8 DUPLICATES REMOVED)  
 L14      768 S RIBOFLAVIN AND STRESS  
 L15      290 S RIBOFLAVIN(S)STRESS  
 L16      57 S L15 AND (PLANT OR PLANTS)  
 L17      36 DUPLICATE REMOVE L16 (21 DUPLICATES REMOVED)  
 L18      36 S RIBOFLAVIN(W)BIOSYNTHESIS(S)(PLANT OR PLANTS)  
 L19      36 S L18 NOT L3  
 L20      33 S L19 NOT L9  
 L21      33 S L20 NOT L11  
 L22      33 S L21 NOT L15  
 L23      14 DUPLICATE REMOVE L22 (19 DUPLICATES REMOVED)  
 L24      14 S L8 AND (FRAGMENT OR TRUNCATION OR TRUCATED)  
 L25      5 DUPLICATE REMOVE L24 (9 DUPLICATES REMOVED)

=> file uspatfull  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
128.27	128.48

FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
-0.80	-0.80

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FILE 'USPATFULL' ENTERED AT 15:18:39 ON 26 MAR 2008

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FILE COVERS 1971 TO PATENT PUBLICATION DATE: 25 Mar 2008 (20080325/PD)  
FILE LAST UPDATED: 25 Mar 2008 (20080325/ED)  
HIGHEST GRANTED PATENT NUMBER: US7350238  
HIGHEST APPLICATION PUBLICATION NUMBER: US2008072357  
CA INDEXING IS CURRENT THROUGH 25 Mar 2008 (20080325/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 25 Mar 2008 (20080325/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2007  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2007

=> s 11  
L26        248 COOPER, B?/AU  
              248 COOPER B?/AU  
              248 (COOPER, B? OR COOPER B?)/AU

=> s 13  
L27        248 COOPER, B?/AU  
              248 COOPER B?/AU  
              3985782 TWO  
              182385 HYBRID  
              13684 TWO(W) HYBRID  
              60836 RICE  
              5893 ORYZA  
              6683 SATIVA  
              5 L2 AND (RICE OR ORYZA OR SATIVA)

=> d 127 1-5 ti

L27 ANSWER 1 OF 5 USPATFULL on STN  
TI        Plant genes involved in defense against pathogens

L27 ANSWER 2 OF 5 USPATFULL on STN  
TI        Cell proliferation-related polypeptides and uses therefor

L27 ANSWER 3 OF 5 USPATFULL on STN  
TI        Stress-related polypeptides and uses therefor

L27 ANSWER 4 OF 5 USPATFULL on STN  
TI        Abiotic stress responsive polynucleotides and polypeptides

L27 ANSWER 5 OF 5 USPATFULL on STN  
TI        Genes that are modulated by posttranscriptional gene silencing

=> s 15  
L28        2 OSGF14  
              2 OSGF14  
              2824528 C  
              2 OSGF14-C  
              (OSGF14(W)C)  
              2 OSGF14  
              2824528 C  
              2 OSGF14(W) C  
              2 OSGF14 OR OSGF14-C OR OSGF14(W) C

=> s 128 not 126  
L29        0 L28 NOT L26

=> s 19  
L29        15343 GTP

500 CYCLOHYDROLASE  
1012375 II  
97 CYCLOHYDROLASE II  
(CYCLOHYDROLASE(W)II)  
29148 SYNTHASE  
84 GTP (W) CYCLOHYDROLASE II(S) SYNTHASE  
284365 PLANT  
176698 PLANTS  
L30 58 L8 AND (PLANT OR PLANTS)

=> s 111  
299 RIBA  
284365 PLANT  
176698 PLANTS  
L31 111 RIBA AND (PLANT OR PLANTS)

=> s 118  
9792 RIBOFLAVIN  
29575 BIOSYNTHESIS  
284365 PLANT  
176698 PLANTS  
L32 11 RIBOFLAVIN(W) BIOSYNTHESIS(S)(PLANT OR PLANTS)

=> s 132 not 126  
L33 11 L32 NOT L26

=> d 133 1-11 ti

L33 ANSWER 1 OF 11 USPATFULL on STN  
TI Gram positive bacterial mutants and methods of generating and using such mutants

L33 ANSWER 2 OF 11 USPATFULL on STN  
TI Nucleic acid sequences relating to Bacteroides fragilis for diagnostics and therapeutics

L33 ANSWER 3 OF 11 USPATFULL on STN  
TI Plant metabolism genes

L33 ANSWER 4 OF 11 USPATFULL on STN  
TI Riboflavin synthase genes and enzymes and methods of use

L33 ANSWER 5 OF 11 USPATFULL on STN  
TI Vaccines of pasteurellaceae mutants and vaccination method

L33 ANSWER 6 OF 11 USPATFULL on STN  
TI Lumazine and riboflavin synthase

L33 ANSWER 7 OF 11 USPATFULL on STN  
TI Riboflavin synthase genes and enzymes and methods of use

L33 ANSWER 8 OF 11 USPATFULL on STN  
TI Lumazine synthase and riboflavin synthase

L33 ANSWER 9 OF 11 USPATFULL on STN  
TI Lumazine synthase and riboflavin synthase

L33 ANSWER 10 OF 11 USPATFULL on STN  
TI 3,4-dihydroxy-2-butanone 4-phosphate synthase

L33 ANSWER 11 OF 11 USPATFULL on STN  
TI Riboflavin mutants as vaccines against Actinobacillus pleuropneumoniae

=> d his

(FILE 'HOME' ENTERED AT 14:56:41 ON 26 MAR 2008)

FILE 'MEDLINE, AGRICOLA, CABAB, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT  
14:57:24 ON 26 MAR 2008

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L5       4 S OSGF14 OR OSGF14-C OR OSGF14(W)C  
L6       4 S L5 NOT L4  
L7       1 DUPLICATE REMOVE L6 (3 DUPLICATES REMOVED)  
L8       50 S GTP(W)CYCLOHYDROLASE II(S)SYNTHASE  
L9       13 S L8 AND (PLANT OR PLANTS)  
L10      7 DUPLICATE REMOVE L9 (6 DUPLICATES REMOVED)  
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L18      36 S RIBOFLAVIN(W)BIOSYNTHESIS(S)(PLANT OR PLANTS)  
L19      36 S L18 NOT L3  
L20      33 S L19 NOT L9  
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L22      33 S L21 NOT L15  
L23      14 DUPLICATE REMOVE L22 (19 DUPLICATES REMOVED)  
L24      14 S L8 AND (FRAGMENT OR TRUNCATION OR TRUCATED)  
L25      5 DUPLICATE REMOVE L24 (9 DUPLICATES REMOVED)

FILE 'USPATFULL' ENTERED AT 15:18:39 ON 26 MAR 2008

L26     248 S L1  
L27     5 S L3  
L28     2 S L5  
L29     0 S L28 NOT L26  
L30     58 S L9  
L31     111 S L11  
L32     11 S L18  
L33     11 S L32 NOT L26

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.80

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